INSOLE WITH PUMICE POWDER MIXED THEREWITH

FIELD OF THE INVENTION

The present invention relates to an insole that is made of non-woven fabric and pumice powder is mixed with the fabric so as to absorb sweat and remove odor from shoes.

BACKGROUND OF THE INVENTION

A conventional insole is made of foam material and focuses on the function of comfort. Nevertheless, because the insole is located in a closed space, the wearer foot presses on a top of the insole and an outsole beneath the insole, so that the ventilation is an important issue when designing the insole. Some insole include holes for convenience of ventilation, only limited result can be expected. Furthermore, the sweat from the wearer generates odor. Although a better insole may absorb the sweat, the sweat is not isolated from air and odor is still generated. Active carbon particles are used to absorb humidity and limited odor and the result is not satisfied. Some insole is spread with bactericide which could stimulate the wearer skin so that it is not welcomed by the users.

The present invention intends to provide an insole that mix pumice powder into the fabric of the insole and the sweat is combined with the power so as to be isolated from the air.

SUMMARY OF THE INVENTION

In accordance with one aspect of the present invention, there is provided an insole that includes a top layer made of non-woven fabric and pumice powder is

mixed with the non-woven fabric. A soft layer made of foam material is connected to an underside of the top layer.

The present invention will become more obvious from the following description when taken in connection with the accompanying drawings which show, for purposes of illustration only, a preferred embodiment in accordance with the present invention.

BRIEF DESCRIPTION OF THE DRAWINGS

Fig. 1 is an exploded view to show the insole of the present invention;

Fig. 2 is a cross sectional view of the insole of the present invention;

Fig. 3 is a cross sectional view of the insole of the present invention disposed in a shoe;

Fig. 4 shows that sweat is absorbed by the pumice powder in the insole, and

Fig. 5 shows odor is escaped from the insole of the present invention.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENT

Referring to Figs. 1 to 3, the insole of the present invention comprises a top layer 10 made of non-woven fabric and pumice powder 30 is mixed with the non-woven fabric. A soft layer 20 made of foam material is connected to an underside of the top layer 10. The pumice powder 30 can be mixed with the foam material so that it is spread in the soft layer 20 of the insole.

As shown in Figs. 4 and 5, the sweat of the wearer is absorbed by the pumice powder 30 which then becomes particles so that the wearer may replace a

new insole. The odor generated from the sweat can also be released via the top layer 10 of the insole.

The pumice powder 30 is safe to the wearer skin and is easily combined with the insole.

While we have shown and described the embodiment in accordance with the present invention, it should be clear to those skilled in the art that further embodiments may be made without departing from the scope of the present invention.